

# POLYroof® LV

## A High Performance One-Part Roof Elastomer

**Composition:** POLYroof® LV is a single-component roof elastomer formulated from polymers, plasticizers, and selected additives. It is carefully blended to ensure elasticity, weather resistance, and durability with ease of application. POLYroof LV is asbestos free.

**Basic Use:** POLYroof LV is designed to weatherproof moving elements of a roof assembly such as edge details, metal lap joints, splits, cracks, and projections.

Polyroof LV is suitable for use over both asphalt and tar roof membrane surfaces.

Reinforcing membrane can be incorporated into application.

**Limitations:**

- Not intended for use as a wet patching material
- Priming required on non-bituminous surfaces.
- Not for use with PVC roof membranes
- Surfaces must be clean and dry.

**Packaging:** POLYroof LV is available in 11.3 and 19 L (3 and 5 gallon) containers.

| Product Advantages                  |  |
|-------------------------------------|--|
| Features                            | Benefits   |
| Unique blend                        | • Repair both tar and asphalt roofs  |
| Outstanding elongation and recovery | • Accommodates cyclical movement to reduce likelihood of roof splits/tears |
| One step application                | • Labor and time saving  |
| Excellent workability               | • Trowel grade. Can be applied by in-house crews                           |
| Tenacious bond                      | • Repair remains adhered even in difficult applications                    |
| UL approved                         | • Fire protection  |

**Grade:** Trowel.

**Storage Life:** One year in unopened containers.

**Application:** Remove loose gravel, dirt, dust, rotted felt, and foreign matter. Apply over clean, sound, dry base. Prime bare metal with TREMprime QD or TREMprime WB.

**Coverage:** Approximately 0.3 m<sup>2</sup>/L (11 ft<sup>2</sup>/gal).

Rates will vary depending on ambient temperature and actual surface conditions.

**Precautions:** Use POLYroof LV with adequate ventilation. Users must read container labels and Material Safety Data Sheets for health and safety precautions prior to use.

**Availability and Cost:** Contact your local Tremco Roofing Representative for pricing and availability. For the name and number of your Representative, call the Roofing Division at 416/421-3300 or 800/263-6046. In the U.S. call 216/292-5000 or 800/853-6013.

**Maintenance:** Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

**Guarantee/Warranty:** Tremco Inc. warrants POLYroof LV to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any POLYroof LV product that is proved to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYERS SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

**Technical Services:** Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service staff.

**Statement of Policy and Responsibility:** Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

| <b>Physical Performance Characteristics</b>                         |  |                    |
|---|--|--------------------|
| <b>POLYroof® LV</b>   |  |                    |
| <b>Property</b>   | <b>Typical Value</b>                         | <b>Test Method</b> |
| Asbestos content  | None   | EPA/600/R-93/116   |
| VOC*  | 300 g/L, max                                 | ASTM D 3960-89     |
| Viscosity @ 25°C (77°F)   | 600-2,000 Pa·s (600,000-2,000,000 cP)        | ASTM D 2196-86     |
| Density @ 25°C (77°F)   | 970 kg/m <sup>3</sup> (8.1 lb/gal)           | ASTM D 1475-85     |
| Nonvolatile matter  | 70%  | ASTM D 4586-86     |
| Tensile strength @ 25°C (77°F)                                      | 207-690 kPa (30 - 100 psi) @ 100% elongation | ASTM D 412-87      |
| Elongation @ 25°C (77°F)  | 1,000%                                       | ASTM D 412-87      |
| Elongation @ -34°C (-30°F)  | 100%   | ASTM D 412-87      |
| Recovery from 500% elongation                                       | 90% min.                                     | ASTM D 412-87      |
| Moisture vapor transmission rate                                    | 0.42 g/100 in <sup>2</sup> /24 hrs           | ASTM F-1249-90     |
| Behavior @ 60°C (140°F) (Sag Resistance)                            | 6 mm (max.) (1/4 in. max.)                   | ASTM D 4586-86     |
| Flexibility @ -40°C (-40°F)   | No cracking                                  | ASTM D-3111-88     |
| *VOC — Volatile Organic Compounds (less water, less exempt solvent) |  |                    |

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